

**TDMS No.** 20310 - 01  
**Test Type:** 26-39 WEEKS  
**Route:** GAVAGE  
**Species/Strain:** MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
3'-Azido-3'-deoxythymidine (AZT)  
**CAS Number:** 30516-87-1

**Date Report Requested:** 07/22/2009  
**Time Report Requested:** 11:48:25  
**First Dose M/F:** NA / 11/18/04  
**Lab:** NCTR

**C Number:** C20310C  
**Lock Date:** 12/01/2008  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include 917 Vehicl PND1-8 F      Include 918 AZT 40 PND1-8 F  
**Study Gender:** Female  
**TDMSE Version:** 2.1.0

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	3	3	3	3	3	3	3	3	3	3
	5	5	5	5	4	4	5	5	5	5	2	2	1	1	3	4	4	4	4	2	2	4	3	3	6	
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
<b>Vehicl PND1-8 F</b>	6	7	7	7	7	7	8	9	9	9	0	0	0	0	0	1	2	2	2	2	2	2	3	3	4	4
<b>ANIMAL ID</b>	9	0	1	2	3	9	9	0	1	2	1	2	3	4	8	9	0	1	2	2	3	4	7	6	7	9

females  
(cont...)

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
															2											
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Liver Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Tension Lipidosis Vacuolization Cytoplasmic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
	1																			1			1			
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	3	3	3	3	3	3	3	3	3	3
	5	5	5	5	4	4	5	5	5	5	2	2	1	1	3	4	4	4	4	2	2	4	3	3	6	
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	6	7	7	7	7	7	8	9	9	9	0	0	0	0	0	1	2	2	2	2	2	2	3	3	4	
<b>Vehicle PND1-8 F</b>	9	0	1	2	3	9	9	0	1	2	1	2	3	4	8	9	0	1	2	2	3	4	7	6	9	

**females  
(cont...)**

Salivary Glands Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+

**ENDOCRINE SYSTEM**

Adrenal Cortex Subcapsular, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	1	2	1	1	1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 3

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0																							
	3																							
.....	3																							
	5																							
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b> <b>MICE FEMALE</b>	0																							
	0																							
	5																							
	6																							
<b>Vehicle PND1-8 F</b>	9																							
	0																							
	1																							
	2																							
Pituitary Gland	+																							
Thyroid Gland	+																							
Ectopic Thymus	X																							

females (cont...)

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland	+																							
Ovary Cyst	2																							
Uterus Infiltration Cellular, Polymorphonuclear Endometrium, Hyperplasia, Cystic Lumen, Dilatation	2 1 1 1 2 1 2 2 1 2 2 2 1 1 1 2																							
Vagina	+																							

**HEMATOPOIETIC SYSTEM**

Bone Marrow	A																							
-------------	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 4

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	3	3	3	3	3	3	3	3	3	3
	5	5	5	5	4	4	5	5	5	5	2	2	1	1	3	4	4	4	4	2	2	4	3	3	6	
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Animal ID</b>	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
<b>Vehicle PND1-8 F</b>	6	7	7	7	7	8	9	9	9	9	0	0	0	0	0	1	2	2	2	2	2	2	3	3	4	
	9	0	1	2	3	9	9	0	1	2	1	2	3	4	8	9	0	1	2	3	4	7	6	7	9	

females (cont...)

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
										1	2							1				2			
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
						2	2				3			3		2							2		
Thymus Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**NERVOUS SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 5

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	
	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	3	3	3	3	3	3	3	3	3	3	
	5	5	5	5	4	4	5	5	5	5	2	2	1	1	3	4	4	4	4	2	2	4	3	3	6	
.....																										
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Animal ID</b>	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
<b>Vehicle PND1-8 F</b>	6	7	7	7	7	7	8	9	9	9	0	0	0	0	0	1	2	2	2	2	2	2	3	3	4	<b>females (cont...)</b>
	9	0	1	2	3	9	9	0	1	2	3	4	8	9	0	1	2	2	3	4	7	6	7	9		

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum Mineralization	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

**TDMS No.** 20310 - 01  
**Test Type:** 26-39 WEEKS  
**Route:** GAVAGE  
**Species/Strain:** MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
**CAS Number:** 30516-87-1

**Date Report Requested:** 07/22/2009  
**Time Report Requested:** 11:48:25  
**First Dose M/F:** NA / 11/18/04  
**Lab:** NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	3	3	3	3	3	3	3	3
	5	5	5	5	4	4	5	5	5	5	2	2	1	1	3	4	4	4	4	2	2	4	3	3
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	
	6	7	7	7	7	7	8	9	9	9	0	0	0	0	0	1	2	2	2	2	2	3	3	
Vehicl PND1-8 F	9	0	1	2	3	9	9	0	1	2	1	2	3	4	8	9	0	1	2	3	4	7	6	
Infiltration Cellular, Lymphocyte			1	1			1	1	1	2										1			1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+		
Infiltration Cellular, Lymphocyte				1						1														
Lumen, Dilatation																							4	

**females (cont...)**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST		
0		
3		
3		
5		
.....		
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0
<b>MICE FEMALE</b>		0
		6
ANIMAL ID		5
<b>Vehicle PND1-8 F</b>		4
		<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+		<b>26</b>
Gallbladder	+		<b>25</b>
Intestine Large, Cecum Hyperplasia, Lymphoid	+		<b>25</b>
			<b>3 2.0</b>
Intestine Large, Colon	+		<b>25</b>
Intestine Large, Rectum	+		<b>25</b>
Intestine Small, Duodenum	+		<b>25</b>
Intestine Small, Ileum	+		<b>25</b>
Intestine Small, Jejunum	+		<b>25</b>
Liver	+		<b>25</b>
Infiltration Cellular, Lymphocyte			<b>2 1.0</b>
Inflammation, Chronic Active			<b>2 1.0</b>
Tension Lipidosis			<b>3 1.3</b>
Vacuolization Cytoplasmic	1		<b>12 1.0</b>
Pancreas	+		<b>26</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 8

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST			
	0		
	3		
	3		
	5		
<hr/>			
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0		
<b>MICE FEMALE</b>	0		
	6		
ANIMAL ID	5		
<b>Vehicle PND1-8 F</b>	4		
			<b>* TOTALS</b>

Salivary Glands	+		<b>25</b>
Infiltration Cellular, Lymphocyte	1		<b>15 1.1</b>
<hr/>			
Stomach, Forestomach	+		<b>25</b>
<hr/>			
Stomach, Glandular	+		<b>25</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+		<b>26</b>
<hr/>			
Heart	+		<b>25</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+		<b>26</b>
Subcapsular, Hyperplasia			<b>23 1.2</b>
<hr/>			
Adrenal Medulla	+		<b>26</b>
<hr/>			
Islets, Pancreatic	+		<b>26</b>
<hr/>			
Parathyroid Gland	+		<b>25</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST			
		0	
		3	
		3	
		5	
.....			
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0	
<b>MICE FEMALE</b>		0	
		6	
	ANIMAL ID	5	
<b>Vehicle PND1-8 F</b>		4	
			<b>* TOTALS</b>
Pituitary Gland	+		<b>26</b>
.....			
Thyroid Gland	+		<b>26</b>
Ectopic Thymus			<b>2</b>

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland	+		<b>26</b>	
.....				
Ovary	+		<b>26</b>	
Cyst		3		<b>4 2.3</b>
.....				
Uterus	+		<b>26</b>	
Infiltration Cellular, Polymorphonuclear				<b>1 2.0</b>
Endometrium, Hyperplasia, Cystic		1		<b>4 1.5</b>
Lumen, Dilatation				<b>16 1.5</b>
.....				
Vagina	+		<b>26</b>	

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+		<b>25</b>	
.....				

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 10

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST			
	0		
	3		
	3		
	5		
.....			
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0		
<b>MICE FEMALE</b>	0		
	6		
ANIMAL ID	5		
<b>Vehicle PND1-8 F</b>	4		<b>* TOTALS</b>
Lymph Node, Mandibular	+		<b>25</b>
Lymph Node, Mesenteric	+		<b>25</b>
Hyperplasia, Lymphoid			<b>4 1.5</b>
Spleen	+		<b>26</b>
Hematopoietic Cell Proliferation			<b>2 3.0</b>
Hyperplasia, Lymphoid			<b>6 2.3</b>
Thymus	+		<b>25</b>
Hyperplasia, Lymphoid			<b>1 2.0</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+		<b>26</b>
Skin	+		<b>26</b>

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+		<b>26</b>
Skeletal Muscle	+		<b>26</b>

**NERVOUS SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST		
	0	
	3	
	3	
	5	
.....		
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	
<b>MICE FEMALE</b>	0	
	6	
ANIMAL ID	5	
<b>Vehicl PND1-8 F</b>	4	
		<b>* TOTALS</b>

Brain, Brain Stem	+	26
Brain, Cerebellum	+	26
Brain, Cerebrum Mineralization	+	26
		<b>2 1.0</b>

**RESPIRATORY SYSTEM**

Lung	+	26
Nose	+	26
Trachea	+	26

**SPECIAL SENSES SYSTEM**

Eye	+	25
Harderian Gland	+	25

**URINARY SYSTEM**

Kidney	+	25
--------	---	----

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 12

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST			
		0	
		3	
		3	
		5	
.....			
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0	
<b>MICE FEMALE</b>		0	
		6	
	ANIMAL ID	5	
<b>Vehicl PND1-8 F</b>		4	
			<b>* TOTALS</b>
Infiltration Cellular, Lymphocyte		1	<b>9 1.1</b>
.....			
Urinary Bladder		+	<b>25</b>
Infiltration Cellular, Lymphocyte			<b>2 1.0</b>
Lumen, Dilatation			<b>1 4.0</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3
	4	0	3	3	3	3	3	3	3	3	3	3	3	3	7	3	3	3	3	3	3	3	3	3
	5	8	4	4	4	4	4	4	4	2	2	2	2	2	4	6	5	3	3	2	2	2	1	1
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6
<b>AZT 40 PND1-8 F</b>	9	5	5	6	6	6	8	8	9	9	9	9	9	0	1	1	3	3	4	4	4	5	5	6
	0	6	9	0	1	2	3	3	4	5	6	6	7	0	3	8	9	0	1	2	0	8	9	6

**females (cont...)**

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus			X																					
Infiltration Cellular, Lymphocyte																			1					
Tension Lipidosis												1		1		2						2		
Vacuolization Cytoplasmic	1		1		1	1				1								1						
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	0	3	3	3	3	3	3	3	3	3	3	3	3	7	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	8	4	4	4	4	4	4	4	4	2	2	2	2	2	4	6	5	3	3	2	2	2	2	1	1	6	

---

C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	3	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
AZT 40 PND1-8 F	9	5	5	6	6	6	8	8	9	9	9	9	0	0	1	1	3	3	4	4	4	4	5	5	5	6	6	6
	0	6	9	0	1	2	3	3	4	5	6	6	7	0	3	8	9	0	1	2	0	8	9	6				

females  
(cont...)

Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte		1	1			2								2			1		1	1	1	1	1	1	1	1	1	1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Hyperplasia	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1		1	1	2	1	1	1	1	1	1	1	1	1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 15

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0																							
	2																							
	4																							
	5																							
	8																							
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AZT 40 PND1-8 F</b>	3	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6
<b>ANIMAL ID</b>	9	5	5	6	6	6	8	8	9	9	9	0	1	1	3	3	4	4	4	4	5	5	6	6
	0	6	9	0	1	2	3	3	4	5	6	6	7	0	3	8	9	0	1	2	0	8	9	6
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration	1																							
Ectopic Thymus																								

females  
(cont...)

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																						2	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endometrium, Hyperplasia, Cystic						2							2										1
Lumen, Dilatation	1	1	1	1			1	1			1	1					1	2	1	2	2		
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node	+											+											
Renal, Hyperplasia, Lymphoid	1																						

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3
	4	0	3	3	3	3	3	3	3	3	3	3	3	3	7	3	3	3	3	3	3	3	3	3
	5	8	4	4	4	4	4	4	4	2	2	2	2	2	4	6	5	3	3	2	2	2	1	1
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AZT 40 PND1-8 F</b>	3	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
<b>ANIMAL ID</b>	9	5	5	6	6	6	6	8	8	9	9	9	0	0	1	1	3	3	4	4	4	5	5	
	0	6	9	0	1	2	3	3	4	5	6	6	7	0	3	8	9	0	1	2	0	8	9	

**females (cont...)**

Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																								1
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
								1				1												1
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
				2										2										
	3						2				2			2								3	1	
Thymus Cyst, Multiple Hyperplasia, Lymphoid	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																			4					
				1																		2	1	

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3
	4	0	3	3	3	3	3	3	3	3	3	3	3	3	7	3	3	3	3	3	3	3	3	3
	5	8	4	4	4	4	4	4	4	2	2	2	2	2	4	6	5	3	3	2	2	2	1	1
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6
<b>AZT 40 PND1-8 F</b>	0	6	9	0	1	2	3	3	4	4	5	6	6	7	0	3	8	9	0	1	2	0	8	9

females  
(cont...)

**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum Mineralization	+	+	+	+	+	+	1	+	+	+	+	+	1	+	+	+	+	+	+	+	+	+	1	1

**RESPIRATORY SYSTEM**

Lung Infiltration Cellular, Lymphocyte Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	2	+	+	+	+	+	+	+	+	+	+
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20310 - 01  
Test Type: 26-39 WEEKS  
Route: GAVAGE  
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
3'-Azido-3'-deoxythymidine (AZT)  
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
Time Report Requested: 11:48:25  
First Dose M/F: NA / 11/18/04  
Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	
	4	0	3	3	3	3	3	3	3	3	3	3	3	3	7	3	3	3	3	3	3	3	3	3	
	5	8	4	4	4	4	4	4	4	2	2	2	2	2	4	6	5	3	3	2	2	2	1	1	
.....																									
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AZT 40 PND1-8 F	3	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	
	9	5	5	6	6	6	6	8	8	9	9	9	0	0	1	1	3	3	4	4	4	5	5		
	0	6	9	0	1	2	3	3	4	4	5	6	6	7	0	3	8	9	0	1	2	0	8		

**females  
(cont...)**

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte	1			1									1			1						1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte			1																			1	

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

Page 19

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST		
0		
3		
3		
6		
.....		
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0
<b>MICE FEMALE</b>		0
		6
	ANIMAL ID	6
<b>AZT 40 PND1-8 F</b>		7
		<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+		<b>25</b>
Gallbladder	+		<b>26</b>
Intestine Large, Cecum	+		<b>26</b>
Intestine Large, Colon	+		<b>26</b>
Intestine Large, Rectum	+		<b>26</b>
Intestine Small, Duodenum	+		<b>26</b>
Intestine Small, Ileum	+		<b>26</b>
Intestine Small, Jejunum	+		<b>26</b>
Liver	+		<b>26</b>
Basophilic Focus			<b>1</b>
Infiltration Cellular, Lymphocyte			<b>1 1.0</b>
Tension Lipidosis			<b>4 1.5</b>
Vacuolization Cytoplasmic			<b>6 1.0</b>
Pancreas	+		<b>26</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 20

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST			
	0		
	3		
	3		
	6		
.....			
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0		
<b>MICE FEMALE</b>	0		
	6		
	6		
<b>AZT 40 PND1-8 F</b>	7		
			<b>* TOTALS</b>
Salivary Glands	+		<b>26</b>
Infiltration Cellular, Lymphocyte	1		<b>12 1.2</b>
.....			
Stomach, Forestomach	+		<b>26</b>
.....			
Stomach, Glandular	+		<b>26</b>
.....			
<b>CARDIOVASCULAR SYSTEM</b>			
.....			
Blood Vessel	+		<b>26</b>
.....			
Heart	+		<b>26</b>
.....			
<b>ENDOCRINE SYSTEM</b>			
.....			
Adrenal Cortex	+		<b>26</b>
Subcapsular, Hyperplasia	1		<b>24 1.1</b>
.....			
Adrenal Medulla	+		<b>26</b>
.....			
Islets, Pancreatic	+		<b>26</b>
.....			
Parathyroid Gland	+		<b>24</b>
.....			
Pituitary Gland	+		<b>26</b>
.....			

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST			
	0		
	3		
	3		
	6		
.....			
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0		
<b>MICE FEMALE</b>	0		
	6		
ANIMAL ID	6		
<b>AZT 40 PND1-8 F</b>	7		
			<b>* TOTALS</b>
Thyroid Gland	+	26	
Degeneration			1 1.0
Ectopic Thymus			1

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland	+	25	
Ovary	+	26	
Cyst			1 2.0
Uterus	+	26	
Endometrium, Hyperplasia, Cystic			3 1.7
Lumen, Dilatation			13 1.2
Vagina	+	25	

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	26	
Lymph Node		2	
Renal, Hyperplasia, Lymphoid			1 1.0

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 22

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0	3	3	6	
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0				
<b>MICE FEMALE</b>	0				
<b>AZT 40 PND1-8 F</b>	6				
<b>ANIMAL ID</b>	6				
	7				<b>* TOTALS</b>

Lymph Node, Mandibular Hyperplasia, Lymphoid	+				<b>25</b>	<b>1 1.0</b>
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+				<b>26</b>	<b>3 1.0</b>
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+				<b>26</b>	<b>2 2.0</b> <b>6 2.2</b>
Thymus Cyst, Multiple Hyperplasia, Lymphoid	+				<b>25</b>	<b>1 4.0</b> <b>3 1.3</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+				<b>26</b>	
Skin	+				<b>26</b>	

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+				<b>26</b>	
Skeletal Muscle	+				<b>26</b>	

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST		
	0	
	3	
	3	
	6	
.....		
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	
<b>MICE FEMALE</b>	0	
	6	
<b>AZT 40 PND1-8 F</b>	6	
	7	
		<b>* TOTALS</b>

**NERVOUS SYSTEM**

Brain, Brain Stem	+	26	
Brain, Cerebellum	+	26	
Brain, Cerebrum Mineralization	+	26	4 1.0

**RESPIRATORY SYSTEM**

Lung	+	26	
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active			1 2.0 1 1.0
Nose	+	26	
Trachea	+	26	

**SPECIAL SENSES SYSTEM**

Eye	+	26	
Harderian Gland	+	26	

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 24

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:25  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST			
		0	
		3	
		3	
		6	
.....			
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0	
<b>MICE FEMALE</b>		0	
		6	
		6	
<b>AZT 40 PND1-8 F</b>	ANIMAL ID	7	
			<b>* TOTALS</b>

**URINARY SYSTEM**

.....			
Kidney	+		26
Infiltration Cellular, Lymphocyte			5 1.0
.....			
Urinary Bladder	+		26
Infiltration Cellular, Lymphocyte	1		3 1.0

\*\*\* END OF REPORT \*\*\*

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 25

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked